

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Takeo KAGAMI et al.

Application No.: New U.S. Patent Application

Filed: June 23, 2003

Docket No.: 116329

For: MAGNETO-RESISTIVE DEVICE, MAGNETIC HEAD, HEAD SUSPENSION  
ASSEMBLY AND MAGNETIC DISK APPARATUS

INFORMATION DISCLOSURE STATEMENT

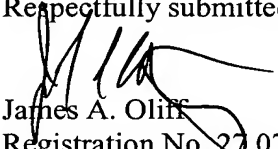
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Relevance of the references is discussed in the present specification.
- ☒ 3. An English-language Abstracts of the non-English language reference 3 is attached hereto.
- ☒ 4. A computer-generated English translation of the following Japanese Patent Publication has been obtained from the website of the Japanese Patent Office (<http://www.jpo.go.jp>), and is attached, but has not been reviewed for accuracy. See Reference 3.

Respectfully submitted,

  
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JAO:JSA/mlb  
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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 116329		APPLICATION NO. New U.S. Patent Application	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANTS Takeo KAGAMI et al.			
				FILING DATE June 23, 2003			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
	1	US 6,344,955 B1	02/05/2002	Sato et al.			
	2	US 6,545,848 B1	04/08/2003	Terunuma			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	3	JP A 2001-68759 w/ abst & trans	03/16/2001	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
	4	Nakashio et al., "Longitudinal bias method using a long distance exchange coupling field in tunnel magnetoresistance junctions", Journal of Applied Physics, Vol. 89, No. 11, pp. 1-3, 2001					
EXAMINER				DATE CONSIDERED			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: June 23, 2003